IN THE CLAIMS

A listing of the claims presented in this patent application appears below. This listing replaces all prior versions and listing of claims in this patent application.

- 1. (Original) An electroluminescent element comprising:
 - a pair of electrodes facing each other; and
- at least one phosphor layer formed between the pair of electrodes, wherein the phosphor layer includes a phosphor semiconductor with a wide band-gap.
- 2. (Original) The electroluminescent element according to claim 1, wherein the phosphor layer has a laminated structure of a phosphor layer and a semiconductor layer with wide bandgap.
- 3. (Original) The electroluminescent element according to claim 2, further comprising at least one transparent conductive layer interposed between the pair of electrodes.
- 4. (Original) The electroluminescent element according to claim 3, wherein the transparent conductive layer is a partially discontinuous layer.
- 5. (Currently Amended) The electroluminescent element according to any one of claims 2 to [[4]] claim 2, wherein at least one of the phosphor layer and the semiconductor layer constituting the phosphor layer is a partially discontinuous layer.
- 6. (Original) The electroluminescent element according to claim 1, wherein the phosphor layer includes a phosphor particle in each of which at least a part of a surface thereof is covered with a semiconductor having a wide band-gap.

7. (Original) The electroluminescent element according to claim 1, wherein the phosphor layer includes a phosphor particle in each of which substantially all surface thereof is covered with a semiconductor having wide band-gap.

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- 8. (Currently Amended) The electroluminescent element according to claim 1 claim 6, wherein the phosphor layer is so configured that the phosphor particles, in each of which at least a part of a surface thereof is covered with a semiconductor having wide band-gap, are dispersed in a matrix material.
- 9. (Currently Amended) The electroluminescent element according to claim 1 claim 7, wherein the phosphor layer is so configured that the phosphor particles, in each of which substantially all surface thereof is covered with a semiconductor having a wide band-gap, are dispersed within a matrix material.
- 10. (Currently Amended) The electroluminescent element according to claim 8 or 9, wherein the matrix material is a transparent conductor.
- 11. (Currently Amended) The electroluminescent element according to any one of claims 1 to 10 claim 1, wherein the semiconductor constituting the phosphor layer has a band-gap causing to emit light of a shorter wavelength than blue light by applying an electric field.
- 12. (Currently Amended) The electroluminescent element according to any one of claims 1 to 10 claim 1, wherein the semiconductor constituting the phosphor layer has a band-gap of 2.0eV or more.
- 13. (Currently Amended) The electroluminescent element according to any one of claims 1 to 10 claim 1, wherein the semiconductor constituting the phosphor layer has a band-gap of 2.5eV or more.

- 14. (Currently Amended) The electroluminescent element according to any one of claims 11 to 13 claim 12, wherein the semiconductor is so configured that a main component thereof is a 13th-15th group compound semiconductor, a mixed crystal thereof, or a mixture thereof in which a partial segregation is allowed.
- 15. (Currently Amended) The electroluminescent element according to any one of claims 11 to 13 claim 12, wherein the semiconductor is so configured that a main component thereof is a 12th-16th group compound semiconductor, a mixed crystal thereof, or a mixture thereof in which a partial segregation is allowed.
- 16. (Currently Amended) The electroluminescent element according to any one of claims 11 to 13 claim 12, wherein the semiconductor is so configured that a main component thereof is a 2nd-16th group compound semiconductor, a mixed crystal thereof, or a mixture thereof in which a partial segregation is allowed.
- 17. (Currently Amended) The electroluminescent element according to any one of claims 11 to 13 claim 12, wherein the semiconductor is so configured that a main component thereof is a 12th-13th-16th group compound semiconductor, a mixed crystal thereof, or a mixture thereof in which a partial segregation is allowed.
- 18. (Currently Amended) The electroluminescent element according to any one of claims 11 to 13 claim 12, wherein the semiconductor is so configured that a main component thereof is a 11th-13th-16th group compound semiconductor, a mixed crystal thereof, or a mixture thereof in which a partial segregation is allowed.
- 19. (Currently Amended) The electroluminescent element according to any one of claims 11 to 13 claim 12, wherein the semiconductor is so configured that a 12th-14th-15th group compound semiconductor, a mixed crystal thereof, or a mixture thereof in which a partial segregation is allowed.

- 20. (Currently Amended) The electroluminescent element according to any one of claims 1-to 19 claim 1, further comprising an electron transport layer between the phosphor layer and at least one of the electrodes.
- 21. (Currently Amended) The electroluminescent element according to any one of claims 1 to 20 claim 2, wherein the pair of electrodes are positive electrode and negative electrode.

Claims 22 – 24 (Cancelled)

- 25. (New) The electroluminescent element according to claim 6, wherein the pair of electrodes are positive electrode and negative electrode.
- 26. (New) The electroluminescent element according to claim 21, wherein at least one semiconductor layer constituting the phosphor layer is located nearer the negative electrode side than the phosphor layer.
- 27. (New) The electroluminescent element according to claim 1, further comprising a thin film transistor connected with one of the pair of electrodes.
- 28. (New) A display device comprising:

an electroluminescent array in which electroluminescent elements are arranged in two dimensions, wherein each electroluminescent element comprises:

a pair of electrodes facing each other;

at least one phosphor layer formed between the pair of electrodes, wherein the phosphor layer includes a phosphor semiconductor with wide band-gap; and

a thin film transistor connected with one of the pair of electrodes;

a plurality of x electrodes, in parallel with each other, extending in a first direction in parallel with a face of the electroluminescent array; and

a plurality of y electrodes extending in parallel with a second direction, orthogonal to the first direction, in parallel with the face of the electroluminescent array, wherein the thin film transistor of the electroluminescent array is connected with the x electrode and the y electrode, respectively.